

# Polyarylene copolymers and proton-conductive membrane

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**Cited documents:**

 US5403675  
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 WO9628491  
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## Abstract of EP1138712

A polyarylene copolymer which comprises (A) from 60 to 3 mol% aromatic compound units having a main chain containing one or more electron-withdrawing groups therein and (B) from 40 to 97 mol% aromatic compound units having a main chain containing no electron-withdrawing groups therein (provided that (A) +(B) = 100 mol%), and a proton-conductive membrane comprising the polyarylene copolymer having sulfonic acid groups.

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